

Office Memorandum ~~CONFIDENTIAL~~ UNITED STATES GOVERNMENT

TO : The Files - Contract RD-76, Task Order I

DATE: 19 December 1960

FROM :

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SUBJECT: (Trip Report -)

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1. On 2 December 1960 a visit was made to the , to monitor progress on the subject task. Those present were:

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2. The subject task provides for the fabrication of fifteen IN-7 time event markers (TEM) which have been delivered, and the development of one ruggedized IN-7 prototype (TEM-A). Initial development of the IN-7 was accomplished under RD-76, Task Order C. The TEM and the TEM-A are miniature time code generators controlled by the watch movement. In the TEM the watch is driven by a manual wind spring which when fully wound will provide operation for a 60-day period; in the TEM-A the watch is driven by an electrically operated solenoid which pulses the watch winding mechanism once per minute. In this manner operation of the unit will continue for a period determined by the life of the external battery source. When TEM or TEM-A is electrically interrogated, a series of pulses is presented at the output terminal. This is a binary coded time group representing the number of elapsed minutes from the time of activation. The TEM and TEM-A will be used with ELINT systems to denote the time that sample signals are recorded.

3. The ruggedized time event marker had been returned to the contractor after it failed during acceptance tests. Prior to this trip the additional work had been completed by the contractor. had been at the contractor's since 29 November 1960 monitoring final testing of the IN-7 for acceptance at the contractor's plant. The IN-7 was tested over the specified environmental limits of operation and a period of several days of laboratory real time testing. During this period the operation of the IN-7 was completely satisfactory and the unit met all the requirements of the specification. We accepted delivery of this unit at the contractor's plant.

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SUBJECT: Trip Report - [REDACTED]

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4. We discussed with the contractor at this time the requirements for additional equipments and specifically requested a proposal for 10 IN-7 service test models, instruction manual, and revision of engineering drawings previously delivered under this task. The writer explained to [REDACTED] that the requested proposal should not be worked on until telephone confirmation of this request was given. Since the writer's return from this trip, concurrence has been given by OC-SPS/EA and the contractor has been instructed to complete and submit this proposal. Between now and the receipt of the proposal OC-SPS/EA will incorporate the IN-7 into an operational package and conduct additional testing.

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